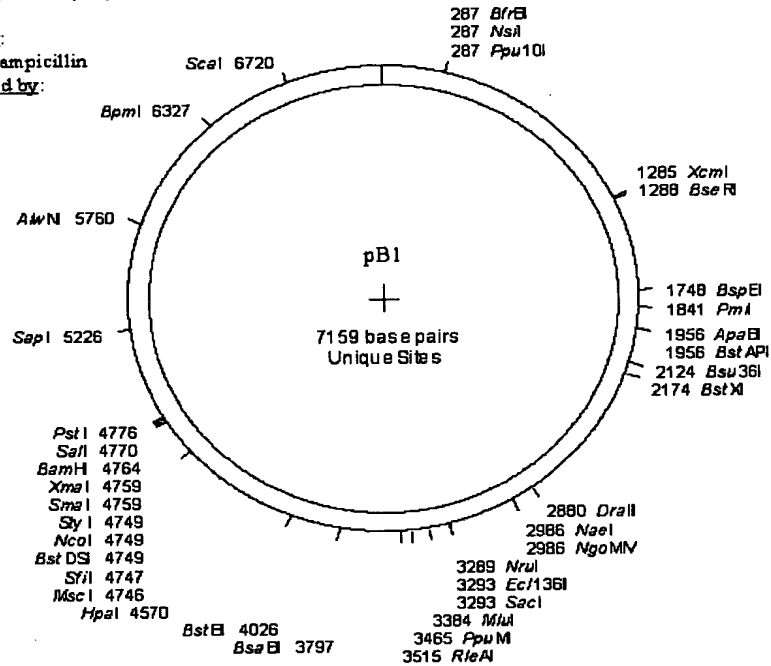


FIGURE 1

## pB1

Alias: pAS2DDApplication: ZHY (hai)Backbone:Specificity:Selection: ampicillinConstructed by:

## Oligo 160

gagagtagtaacaaagggtc AAAGACAGTTGACTGTATCGCCG GAA TTT AT

Sfi I	Sma I	BamHI	Sal I	Pst I
G GCC ATG GAG GCC CCG GGG ATC CGT CGA CCT GCA GCC				
Nco I				

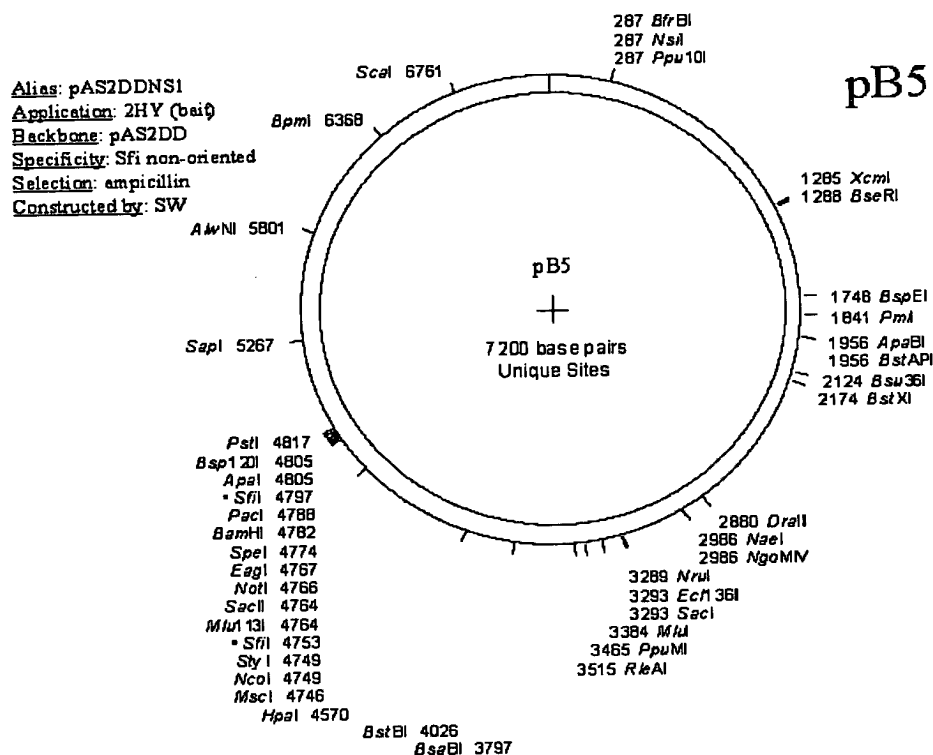
## Oligo 161

AAG CTA ATT ccgggcgaattcttatg

Oligo 160 5' GAGAGTAGTAACAAAGGTC 3'

Oligo 161 5' CATAAGAAATTCGCCCCG 3'

FIGURE 2



## Oligo 160

gagagtagtaacaaaggctc AAAGACAGTTGACTGTATCGCCG GAA TTT ATG

Sfi I      Sac II      Spe I      Bam HI  
 GCC ATG GCC GCA GGG GCG GCC GCA CTA GTG GGG ATC C  
 Nco I      Not I

STOP      Sfi I      Pst I  
 TT AAT TAA GGG CCA CTG GGG CCC CTC GAC CTG CAG CCA  
 Pac I

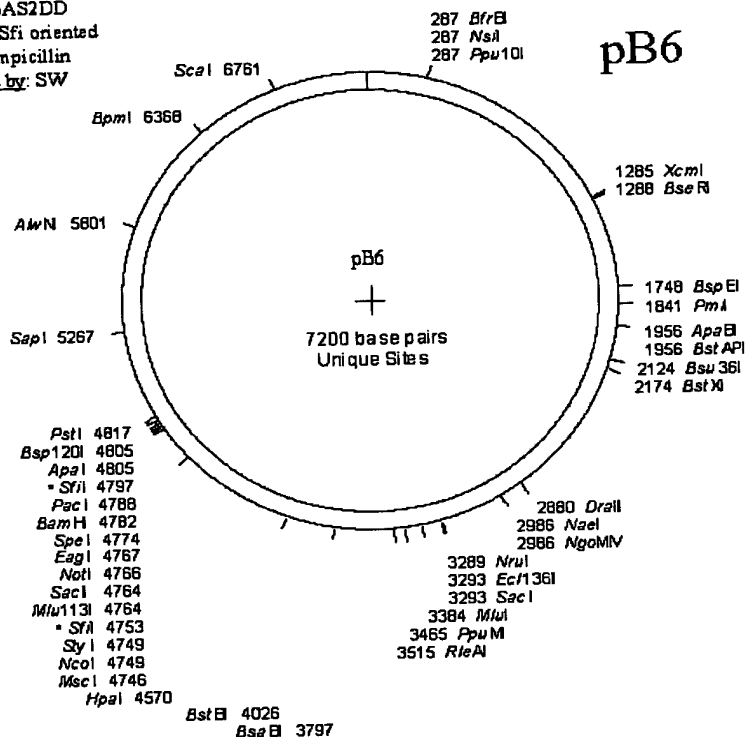
## Oligo 161

AGC TAA TT ccgggcgaattcttatg

Oligo 160 5' GAGAGTAGTAACAAAGGTC 3'  
 Oligo 161 5' CATAAGAAATTCGCCCCG 3'

FIGURE 3

Application: 2HY (bait)  
 Backbone: pAS2DD  
 Specificity: Sfi oriented  
 Selection: ampicillin  
 Constructed by: SW



## Oligo 160

gagagtagtaacaaaggtcAAAGACAGTTGACTGTATCGCCG GAA TTT ATG

$\xrightarrow{\text{Sfi I}}$ 
 $\xrightarrow{\text{Sac II}}$ 
 $\xrightarrow{\text{Spe I}}$ 
 $\xrightarrow{\text{Bam HI}}$   
 GCC ATG GCC GGA CGG GCC GCG GCC GCA CTA GTG GGG ATC C  
 $\xrightarrow{\text{Nco I}}$ 
 $\xrightarrow{\text{Not I}}$

$\xrightarrow{\text{STOP}}$ 
 $\xrightarrow{\text{Sfi I}}$ 
 $\xrightarrow{\text{Apa I}}$ 
 $\xrightarrow{\text{Pst I}}$   
 TT AAT TAA GGG CCA CTG GGG CCC CTC GAC CTG CAG CCA  
 $\xrightarrow{\text{Pac I}}$

## Oligo 161

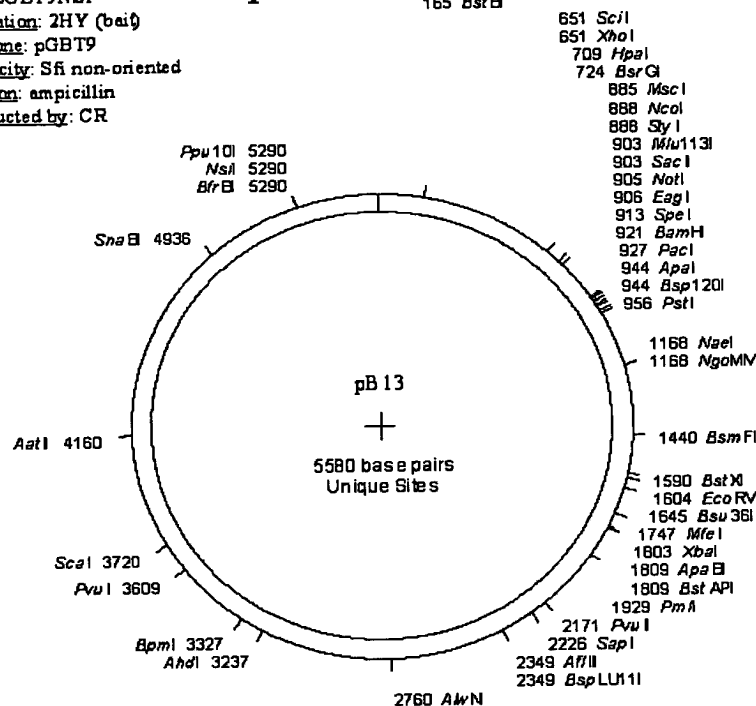
AGC TAA TT cggggcgaaattcttatg

Oligo 160 5' GAGAGTAGTAACAAAGGTC 3'

Oligo 161 5' CATAAGAAATTGCCCCG 3'

pB13

165 8st 8



gagagtagtaacaaaggtc AAAGACAGTTGACTGTATCGCCG GAA TTT ATG

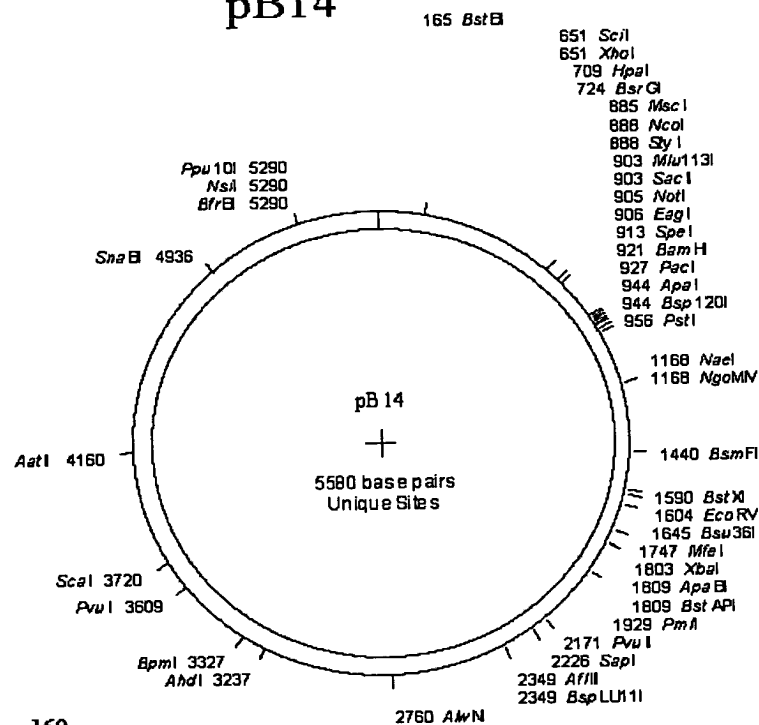
Sfi I                      Sac II                      Spe I  
GCC ATG GCC GCA GGG GCC GCG GCC GCA CTA GTG  
Nco I    Not I  
  
Bam HI                      STOP                      Sfi I  
GGG ATC CTT AAT TAA GGG CCA CTG GGG CCC CTC GAC  
Pac I  
  
Pst I    Oligo 161  
CTG CAG CCA AGC TAA TT ccgggcgaattcttatg

Oligo 160 5' GAGAGTAGTAACAAAGGTC 3'  
Oligo 161 5' CATAAGAAATTCGCCCGG 3'

FIGURE 5

Alias: pGBT9NS2Application: 2HY (bait)Backbone: pGBT9Specificity: Sfi orientedSelection: ampicillinConstructed by: CR

pB14



Oligo 160

gagagtagtaacaaaggctc

 AAAGACAGTTGACTGTATCGCCG GAA TTT ATG

Sfi I
Sac II
Spe I

GCC ATG GCC GGA CGG GCC GCG GCC GCA CTA GTG  
Nco I
Not I

Bam HI
STOP
Sfi I
Apa I

GGG ATC CTT AAT TAA GGG CCA CTG GGG CCC CTC GAC  
Pac I

Pst I
Oligo 161

CTG CAG CCA AGC TAA TT tcgggcgaatttcttatg

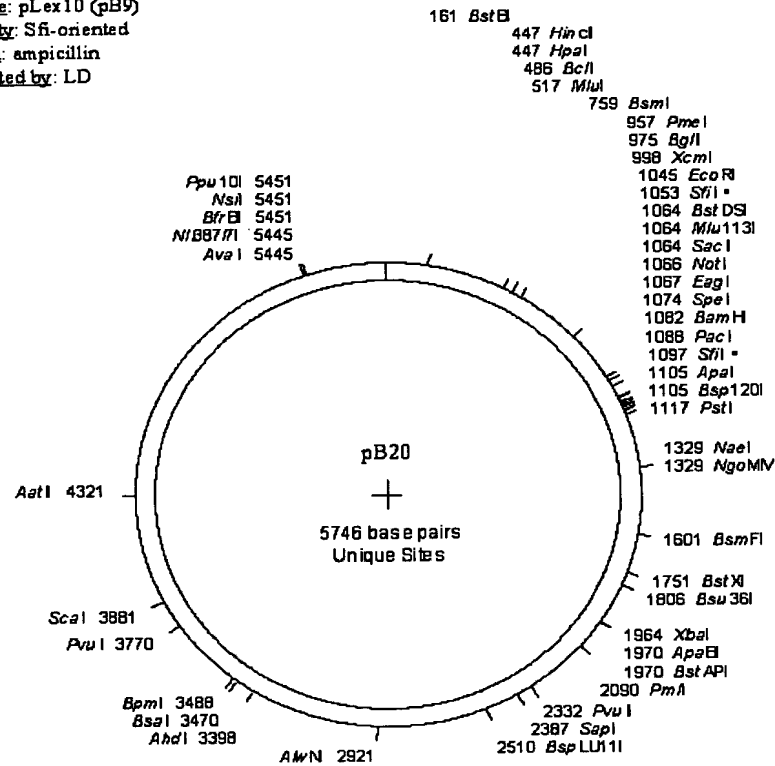
Oligo 160 5' GAGAGTAGTAACAAAGGTC 3'

Oligo 161 5' CATAAGAAATTCGCCCCG 3'

FIGURE 6

## pB20

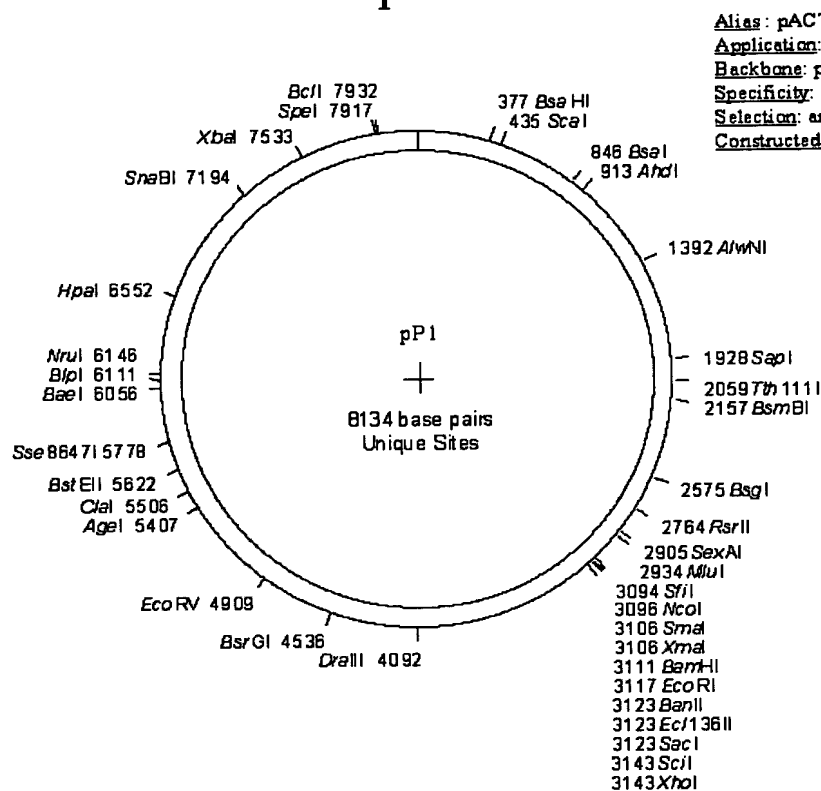
Alias: pLex10NS2  
Application: 2HY (bai)  
Backbone: pLex10 (pB9)  
Specificity: Sfi-oriented  
Selection: ampicillin  
Constructed by: LD



<u>EcoRI</u>		<u>Sfi I</u>		<u>Not I</u>		<u>Spe I</u>
GAA	TTC	GGG	GCC	GGA	CGG	GCC
			GCG	GCC	GCA	CTA
			GTG			
<div style="display: flex; justify-content: space-between;"> <span><u>BamHI</u></span> <span><u>Sac II</u></span> </div>						
GGG	ATC	CTT	AAT	<u>STOP</u>	GGG	CCA
			<u>TAA</u>	CTG	GGG	CCC
			CTC	GAC		
			<u>Pac I</u>	<u>Sfi I</u>		
<div style="display: flex; justify-content: space-between;"> <span><u>CTG CAG</u></span> </div>						
<u>Pst I</u>						

FIGURE 7

pP1



ABS1

cgtttgaatcactacagg GATGTTTAATACCACTACAATGGATGATGTATATAACTATCTATT

JC90

Bgl II

cgatgatgaagataccccaccaaa CCCAAAAAAGAGATCTGTATGGCTTACCCATACGATGTTTCAG

Sfi I

Sma I

BamHI

ATTACGCTAGCTTGGGTGGTCATATGGCC ATG GAG GCC CCG GGG ATC CGA ATT

Nco I

Sac I

Xho I

Bgl II

CGA GCT CGA CTA GCT AGC TGA CTC GAG AGA TCT ATGAAT

cgtagatactgaaaaacccc GCAAGTT cacttcaactgtgcatcgtg caccatctcaatttc

162

ABS2

53

ABS1 5' CGTTTGGAATCACTACAGG 3'

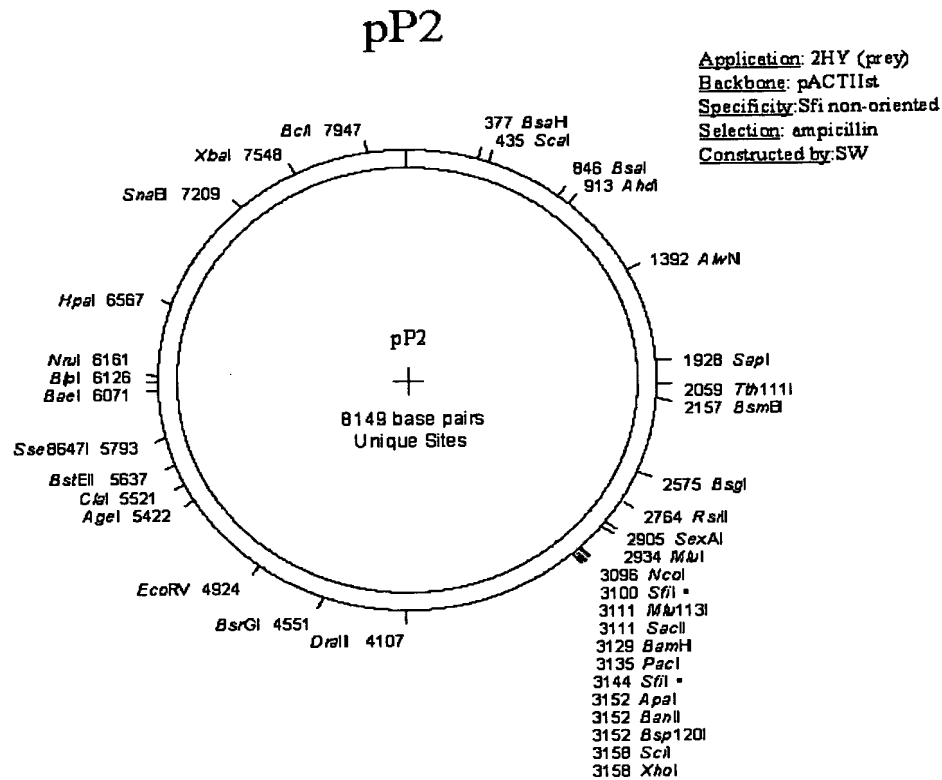
JC90 5' CGATGATGAAGATACCCACCAAAA 3'

162 5' GGGGTTTTTTCAGTATCTACG 3'

ABS2 5' CACGATGCACAGTTGAAGTG 3'

53 5' GAAATTGAGATGGTGCACGATGCAC 3'

FIGURE 8

**ABS1**

CG cgtttgaatc actacagg GATGTTTAATACCACTACAATGGATGATGTATATAACTATCTATT

**JC90****Bgl II**

cgatgatgaagataccccacccaaa CCCAAAAAAGAGATCTGTATGGCTTACCCATACGATGTTCCAG

**Sfi I****Sac II**

ATTACGCTAGCTTGGGTGGTCATATGGCC ATG GCC GCA GGG GCC GCG GCC GCA  
Nco I

**BamH I****Pac I**

CTA GTG GGG ATC CTT AAT TAA GGG CCA CTG GGG CCC CTC GAG AGA TCT  
Stop

ATGAAT cgtagatactgaaaaacccc GCAAGTT cacttcaactgtgcatcgtg caccatctcaatttc

162

ABS2

53

ABS1 5' CGTTTGGAATCACTACAGG 3'

JC90 5' CGATGATGAAGATACCCCACCAAA 3'

162 5' GGGGTTTTTCAGTATCTACG 3'

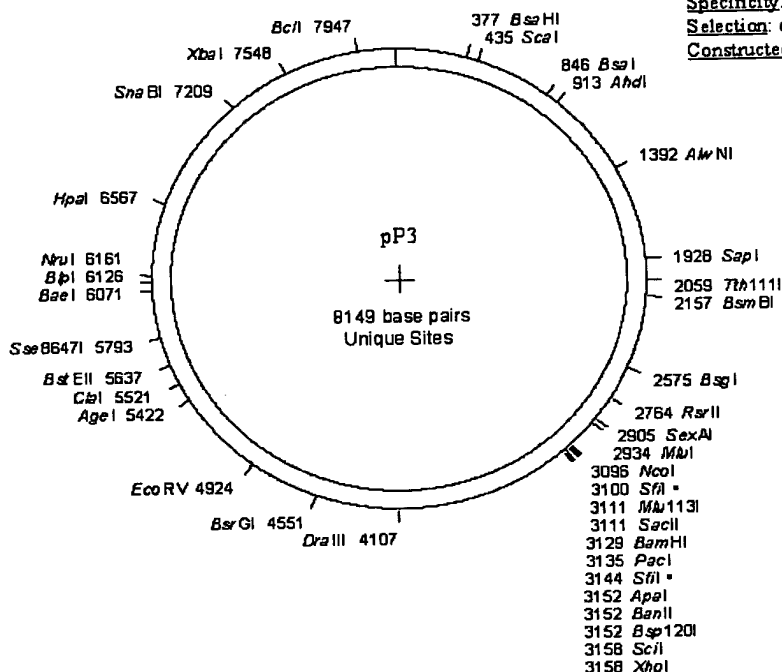
ABS2 5' CACGATGCACAGTTGAAGTG 3'

53 5' GAAATTGAGATGGTGACGATGCAC 3'



FIGURE 9

pP3



## ABS1

CG cgtttgaatcactacagg GATGTTTAATACCACTACAATGGATGATGTATATAACTATCTATT

## JC90

## Bgl II

cgatgatgaagataccccacacaaa CCCAAAAAAGAGATCTGTATGGCTTACCCATACGATGTTCCAG

## Sfi I

## Sac II

ATTACGCTAGCTTGGGTGGTCATATGGCC ATG GCC GGA CGG GCC GCG GCC GCA  
 Nco I

## BamH I

## Pac I

CTA GTG GGG ATC CTT AAT TAA GGG CCA CTG GGG CCC CTC GAG AGA TCT  
 Stop

ATGAAT cgtagatactgaaaaacccc GCAAGTT cacttcaactgtgcatcgtg caccatctcaatttc

162

ABS2

53

ABS1 5' CGTTTGAATCACTACAGG 3'

JC90 5' CGATGATGAAGATACCCCACCAAA 3'

162 5' GGGGTTTTTCAGTATCTACG 3'

ABS2 5' CACGATGCACAGTTGAAGTG 3'

53 5' GAAATTGAGATGGTGCACGATGCAC 3'

FIGURE 10

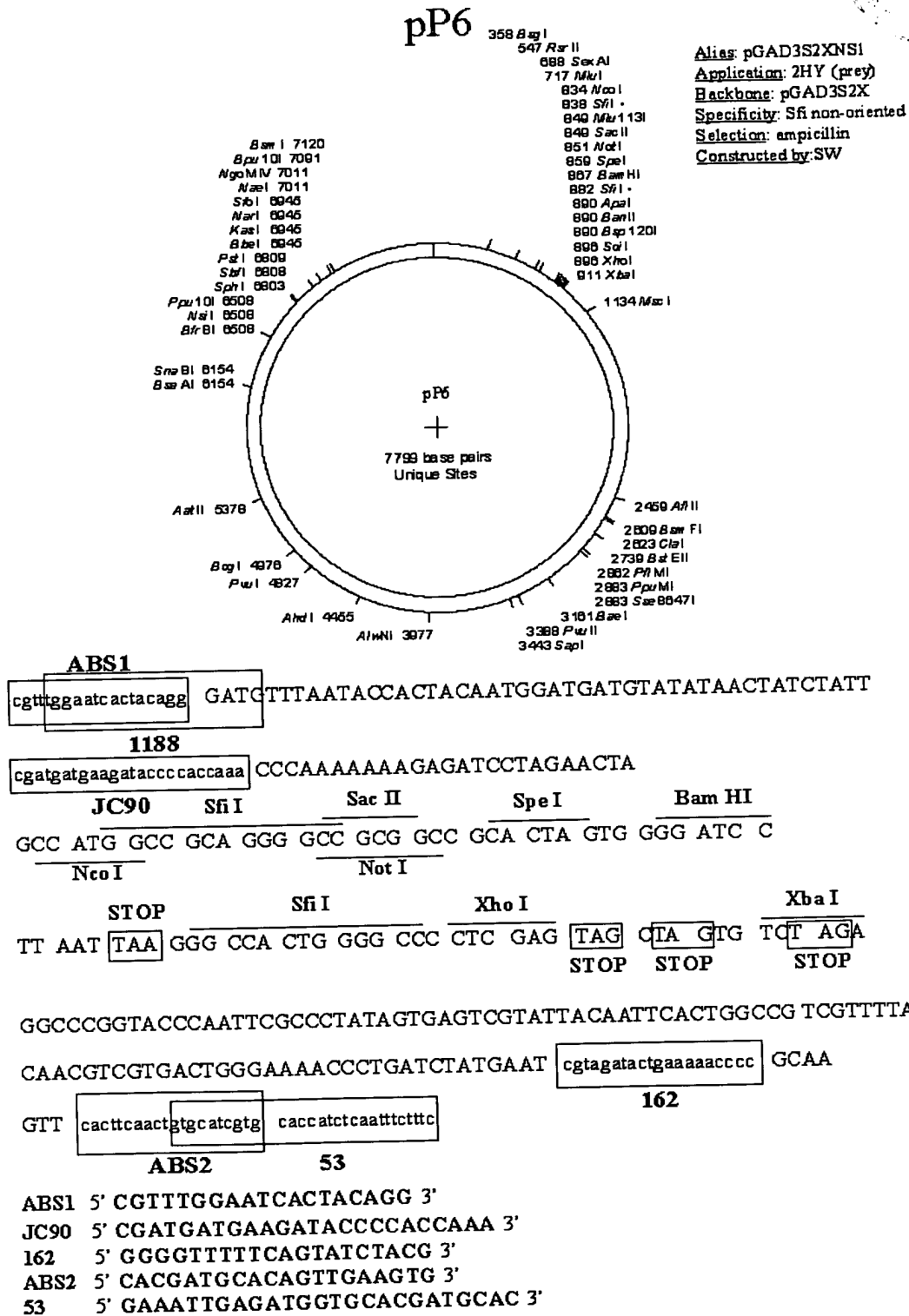
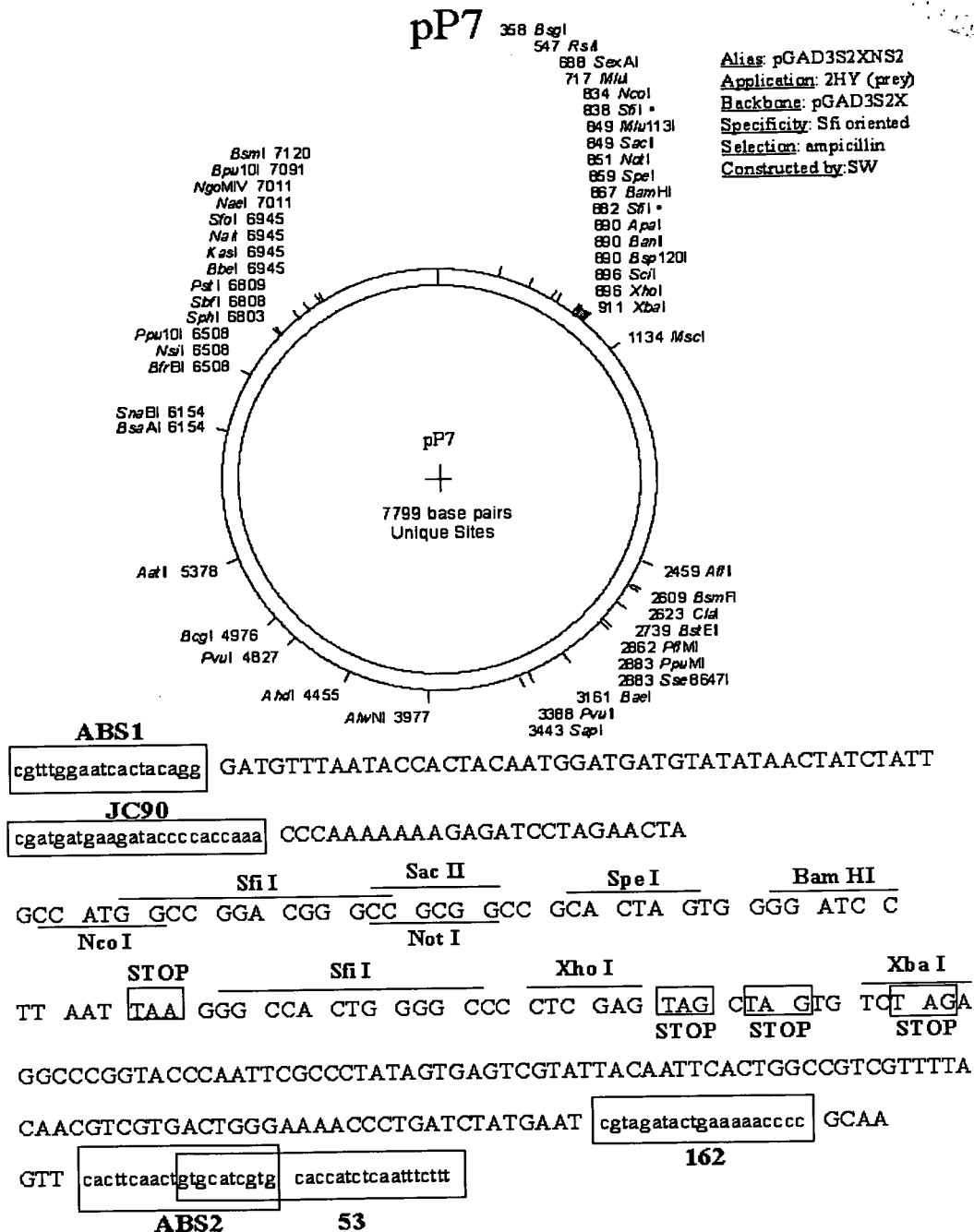


FIGURE 11



ABS1 5' CGTTTGGAATCACTACAGG 3'  
JC90 5' CGATGATGAAGATACCCACCAAAA 3'  
162 5' GGGGTTTTTTCAGTATCTACG 3'  
ABS2 5' CACGATGCACAGTTGAAGTG 3'  
53 5' GAAATTGAGATGGTGACGATGCAC 3'

FIGURE 12

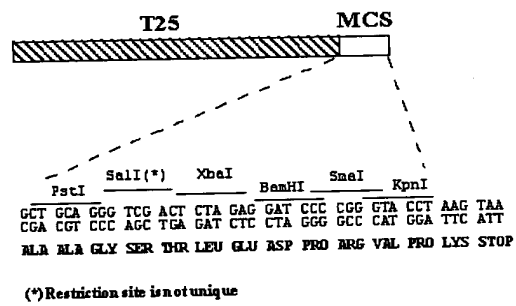
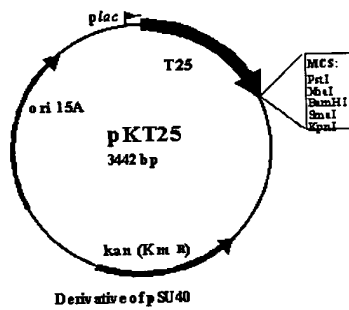
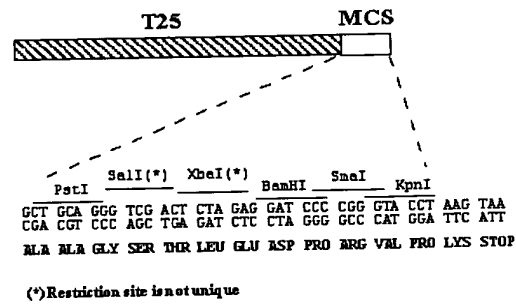
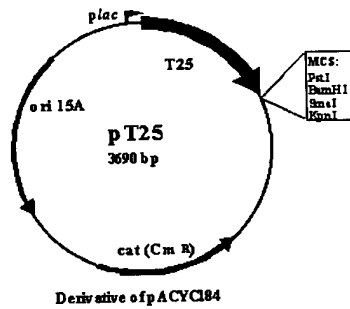


FIGURE 13

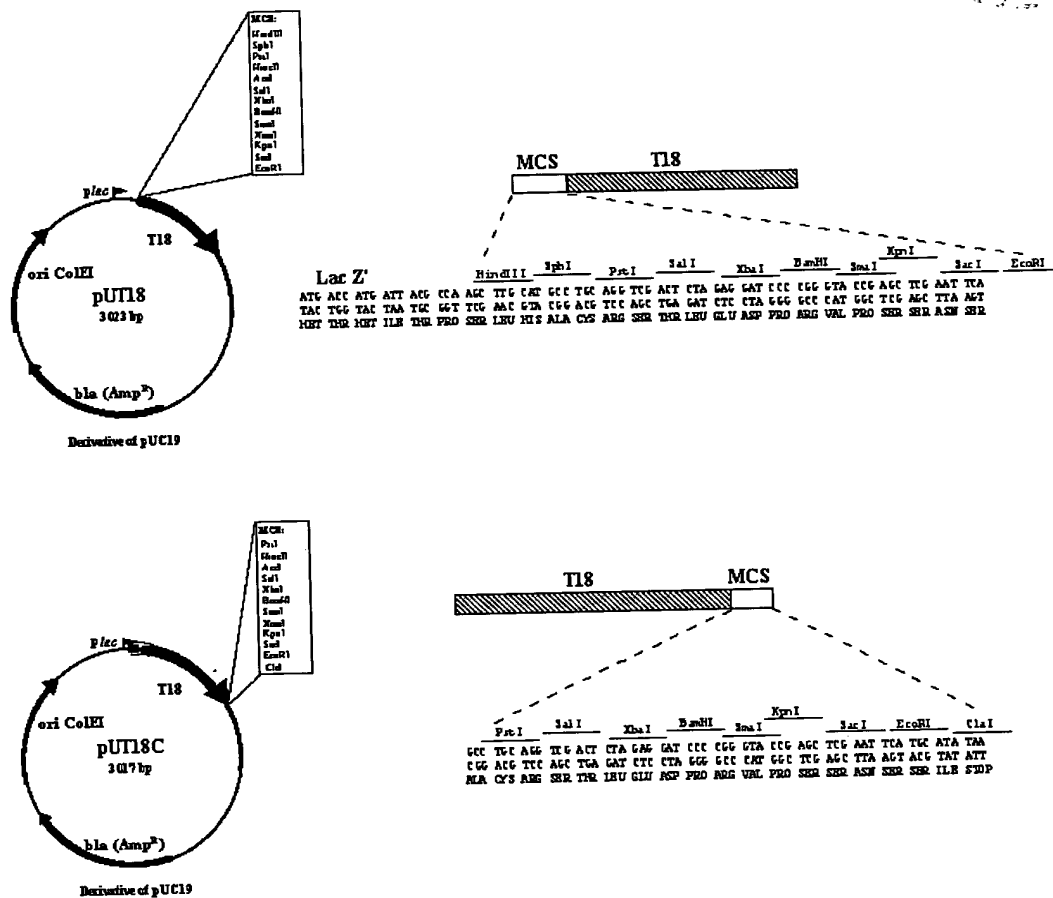


FIGURE 14

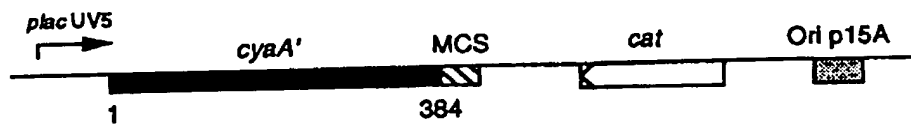
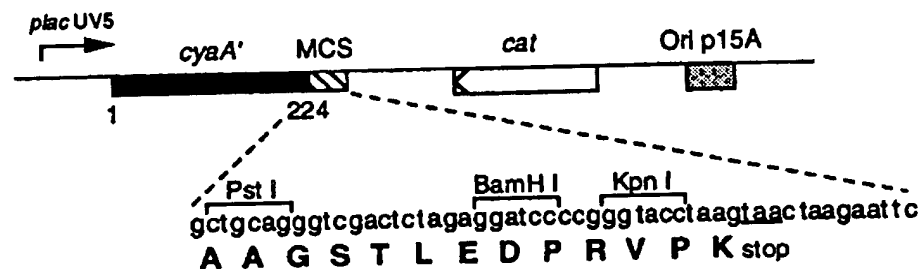
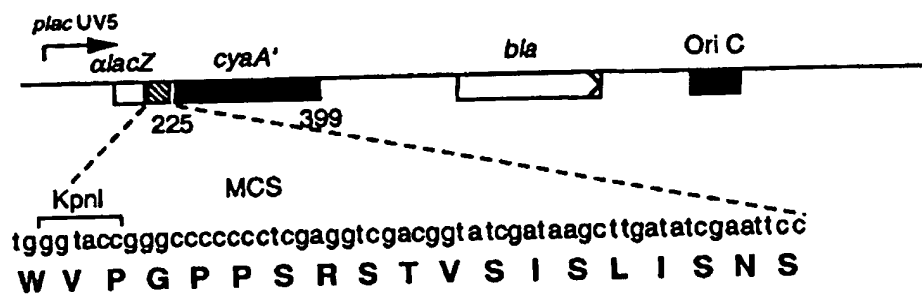
**pCmAHL1****pT25****pT18**

FIGURE 15

Selective Interaction Domain (SID®)

Protein

Selected  
fragments  
(Preys)

Interacting domain

Sid®

FIGURE 16  
Protein Interaction Map (PIM®)

